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PATENT & TRADEMARK OFFICE

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Atty. Dkt. No. 039386-2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Yue et al.
Title:	HUMAN TRANSMEMBRANE PROTEINS
Appl. No.:	09/937,059
International Filing Date:	03/22/2000
371(c) Date:	05/28/2002
Examiner:	Wegert, Sandra L.
Art Unit:	1647
Confirmation No.:	4670

CERTIFICATE OF EXPRESS MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

EV 904370068 US (Express Mail Label Number) — **November 20, 2006** (Date of Deposit)

Deborah A. Kocorowski (Printed Name)

Deborah A. Kocorowski (Signature)

Mail Stop **AF**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND REPLY TRANSMITTAL

Transmitted herewith is an Amendment and Reply in the above-identified patent application.

[**X**] Amendment and Reply Under 37 C.F.R. § 1.116 (9 pages).

[**X**] Exhibit A (56 pages).

[**X**] Exhibit B (4 pages).

[**X**] Exhibit C (14 pages).

[**X**] Exhibit D (6 pages).

[**X**] Exhibit E (3 pages).

[**X**] Exhibit F (2 pages).

[**X**] Exhibit G (11 pages).

[**X**] Exhibit H (12 pages).

[**X**] Exhibit I (17 pages).

[**X**] Exhibit J (9 pages).

[**X**] The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	11	-	23	=	0	x	$50.00	=	$0.00
Independent Claims:	2	-	3	=	0	x	$200.00	=	$0.00
First presentation of any Multiple Dependent Claims:						+	$360.00	=	$0.00
							CLAIMS FEE TOTAL	=	$0.00

[ ] The Applicants hereby petition for an extension of time under 37 C.F.R. § 1.136(a) for the total number of months checked below:

[ ] Extension for response filed within the first month:	$120.00	$0.00
[ ] Extension for response filed within the second month:	$450.00	$0.00
[ ] Extension for response filed within the third month:	$1,020.00	$0.00
[ ] Extension for response filed within the fourth month:	$1,590.00	$0.00
[ ] Extension for response filed within the fifth month:	$2,160.00	$0.00
EXTENSION FEE TOTAL:		$0.00
[ ] Statutory Disclaimer Fee under 37 C.F.R. § 1.20(d):	$130.00	$0.00
CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:		$0.00
[ ] Small Entity Fees Apply (subtract ½ of above):		$0.00
Extension Fees Previously Paid:		$0.00
TOTAL FEE:		$0.00

If any extensions of time are needed for timely acceptance of papers submitted herewith, the Applicants hereby petition for such extension under 37 C.F.R. § 1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date 11-20-06

By Stephanie H Vavra

FOLEY & LARDNER LLP
Customer Number: 22428

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Alexandria, VA 22313-1450

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.116

This communication is responsive to the Final Office Action dated August 18, 2006, concerning the above-referenced patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks/Arguments begin on page 4 of this document.

Please amend the application as follows.